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OM nucleic - nucleic search, using sw model

Run on:

January 8, 2002, 21:35:09 ; Search time 47.65 seconds

(without alignments)  
6473.516 Million cell updates/sec

Title: US-09-635-521A-1

Perfect score: 1362

Sequence: 1 atggcttacccaggctccc.....ttcaggagcatgaagttag 1362

Scoring table: IDENTITY.NUC

Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Number of hits satisfying chosen parameters: 702406

Maximum DB seq length: 0

Minimum DB seq length: 0

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued\_Patents\_NA:\*

1: /cgn2\_6\_ptodata/2/ina/5A\_COMB.seq:\*

2: /cgn2\_6\_ptodata/2/ina/5B\_COMB.seq:\*

3: /cgn2\_5\_ptodata/2/ina/6A\_COMB.seq:\*

4: /cgn2\_5\_ptodata/2/ina/6B\_COMB.seq:\*

5: /cgn2\_5\_ptodata/2/ina/PCTRUS\_COMB.seq:\*

6: /cgn2\_5\_ptodata/2/ina/backfilled.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

#### ALIGNMENTS

RESULT 1

US-08-858-876A-1

Sequence 1, Application US/08858876A

Patent No. 6022856

GENERAL INFORMATION:

APPLICANT: Daniel CAPUT

APPLICANT: Pascale CHALON

APPLICANT: Pascual FERRARA

APPLICANT: Vito NATRILIO

TITLE OF INVENTION: Type 2 Neurotensin Receptor

TITLE OF INVENTION: (hNT-R2)

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC

STREET: 400 Seventh Street

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/858,876A

FILING DATE: 19-SEP-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/FR 9723204

FILING DATE: 17-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Player, William E.

NAME: Player, William E.

REGISTRATION NUMBER: 31.049

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1575 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: 37..1266

US-08-858-876A-1

Query Match 7.2% Score 97.6; DB 3; Length 1575;





FILING DATE: 19-SEP-1997  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/FR 9723204  
 FILING DATE: 17-MAR-1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Player, William E.

REGISTRATION NUMBER: 31,049  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1529 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLogy: linear  
 ORIGINAL SOURCE:  
 ORGANISM: Rat

FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 41..1288  
 US 858-876A-3

Query Match 6.3%; Score 85.4; DB 3; Length 1529;  
 Best Local Similarity 52.7%; Pred. No. 2.5e-11; Indels 0; Gaps 0;  
 Matches 185; Conservative 0; Mismatches 166;

Qy 209 accataggtagttggctgtcgacatctgggtccatcgatgcccattg 268  
 Db 249 ACCATAGTGGTAGTTGGCTGTCTGACATCTGGGTCCATGCCATTG 308  
 Qy 269 agttctacacatcatctggatccctgaccacgttgcgttcacccctgtctggcaagc 328  
 Db 309 AGCTCTAACACTTCGCTGCTGGCCACTACCATGGCTCTGGGATCGTGGCCTG 368  
 Qy 329 tgccacttcccttcgtggcgctcgaaatcgatcgatctgtctggccatcgatcca 388  
 Db 369 GCTATTAATGTTGGCGGACTGTCGCTACAGTCGCACTGGCTGCGACCTAA 428  
 Qy 389 gctttagggctacatcgccatctgttgcaccccttcaggatcgatggctgtgtcgccat 448  
 Db 429 GCGCAAGACGCGCCGCGCTGCGCCACGCGCGCCGCGCCGCGCTACCCCGC 488  
 Qy 449 gccaggtaagtcgtgtatggcttcgtctgggtcaacctccggctggactccct 508  
 Db 489 GCGCGACCCCGCCGCTGCTGCTACGTGCTGGCGCCCTCGGGCCCTGGCC 548  
 Qy 509 tgctgtttggccatgggtacttgatcccccgtgtggaaatggccaggccacc 559  
 Db 549 TGGCGGTATCATGGACAGACAGAAGTGGAAAGCCGGACGGGGAGC 599

RESULT 6  
 sequence 3, application US/09472880  
 Pat. No. 627433  
 GENERAL INFORMATION:

APPLICANT: Daniel CAPUT  
 APPLICANT: Pascale CHALON  
 APPLICANT: Vita NATALIO  
 TITLE OF INVENTION: Type 2 Neurotensin Receptor  
 (HNT-R2)  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC  
 STREET: 400 Seventh Street  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004

COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/472,880  
 FILING DATE: 28-DEC-1999  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Player, William E.

REGISTRATION NUMBER: 31,049  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1529 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLogy: linear  
 ORIGINAL SOURCE:  
 ORGANISM: Rat

FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 41..1288  
 US 858-876A-3

Query Match 6.3%; Score 85.4; DB 4; Length 1529;  
 Best Local Similarity 52.7%; Pred. No. 2.5e-11; Indels 0; Gaps 0;  
 Matches 185; Conservative 0; Mismatches 166;

Qy 209 accataggtagttggctgtcgacatctgggtccatcgatgcccattg 268  
 Db 249 ACCATAGTGGTAGTTGGCTGTCTGACATCTGGGTCCATGCCATTG 308  
 Qy 269 agttctacacatcatctggatccctgaccacgttgcgttcacccctgtctggcaagc 328  
 Db 309 AGCTCTAACACTTCGCTGCTGGCCACTACCATGGCTCTGGGATCGTGGCCTG 368  
 Qy 329 tgccacttcccttcgtggcgctcgaaatcgatcgatctgtctggccatcgatcca 388  
 Db 369 GCTATTAATGTTGGCGGACTGTCGCTACAGTCGCACTGGCTGCGACCTAA 428  
 Qy 389 gctttagggctacatcgccatctgttgcaccccttcaggatcgatggctgtgtcgccat 448  
 Db 429 GCGCAAGACGCGCCGCGCTGCGCCACGCGCGCCGCGCGCTACCCCGC 488  
 Qy 449 gccaggtaagtcgtgtatggcttcgtctgggtcaacctccggctggactccct 508  
 Db 489 GCGCGACCCCGCCGCTGCTGCTACGTGCTGGCGCCCTCGGGCTTGCC 548  
 Qy 509 tgctgtttggccatgggtacttgatcccccgtgtggaaatggccaggccacc 559  
 Db 549 TGGCGGTATCATGGACAGACAGAAGTGGAAAGCCGGACGGGGAGC 599

RESULT 7  
 sequence 6, application US/09077675A  
 Pat. No. 6242199  
 GENERAL INFORMATION:  
 APPLICANT: Pai, Lee-Yuh  
 APPLICANT: Feighner, Scott C.  
 APPLICANT: Howard, Andrew D.  
 APPLICANT: Pong, Sheng-Shung  
 APPLICANT: Van Der Ploeg, Leonardus H.T.  
 TITLE OF INVENTION: RECEPTOR ASSAY  
 NUMBER OF SEQUENCES: 16  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Merck & Co., Inc.  
 STREET: P.O. Box 2000, 126 E. Lincoln Ave.

COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/472,880  
 FILING DATE: 28-DEC-1999  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Player, William E.

REGISTRATION NUMBER: 31,049  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1529 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLogy: linear  
 ORIGINAL SOURCE:  
 ORGANISM: Rat

FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 41..1288  
 US 858-876A-3

CITY: Railway  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065-0900  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/077,675A  
 FILING DATE: 3-JUN-1998  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Cocuzzo, Anna L.  
 REGISTRATION NUMBER: 42,452  
 REFERENCE/DOCKET NUMBER: 19590P  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-1273  
 TELEFAX: 732-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1088 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 077-675A-6

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Sequence 9, Application US/09077675A  
 Patient No. 624219  
 GENERAL INFORMATION:  
 APPLICANT: Pai, Lee-yuh  
 APPLICANT: Feighner, Scott C.  
 APPLICANT: Howard, Andrew D.  
 APPLICANT: Pong, Sheung-Shuang  
 APPLICANT: Van der Ploeg, Leonardus H.T.  
 TITLE OF INVENTION: RECEPTOR ASSAY  
 NUMBER OF SEQUENCES: 16  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Merck & Co., Inc.  
 STREET: P.O. Box 2000, 126 E. Lincoln Ave.  
 CITY: Railway  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065-0900  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/077,675A  
 FILING DATE: 3-JUN-1998  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Cocuzzo, Anna L.  
 REGISTRATION NUMBER: 42,452  
 REFERENCE/DOCKET NUMBER: 19590P

RESULT 8  
US-09-077-675A-9



QY 224 tggttgcgtccgacatcttggtgttcttcacggcatggccaa  
Db 242 TGCCAGCATGGCCCTTCGCGATCNGCTCAACTTCTGTGCPA  
QY 282 -catctggaaatccccgtgaccaacgtcgactaacatgtctt  
Db 302 GGCCTCTGGAGTACGGGCCCTGGAACCTTCGGCGACCTGCTG  
QY 341 tttcggaggctcgacgttgcgttgcgttgcgttgcgttgcgtt  
Db 362 TCAGGGAGACTGCACCTAGGCCACGGTCCACCCATCACCAT  
QY 401 acatggccatctgtcaccccttcagttacgttacaggctgtgtccgg  
Db 422 ACTTCGCCCCATCTGCTTCCCTTGCGGCCAACGGTGGTGTGCK  
QY 461 tgctgttgcgttgcgttgcgttgcgttgcgttgcgttgcgttgcgtt  
Db 482 TGGTCATCCCTGTCATGCGGCCGCGTCTTCGACGGCGCG  
QY 521 tgggtactgttgcgttgcgttgcgttgcgttgcgttgcgttgcgtt  
Db 542 TGGGGTGGACAGGAAACGGCACAGATCCCGGGAC 571

**RESULT 12**  
US-09-077675A-1  
; Sequence 1, Application US/09077675A  
; Patent No. 6242199  
GENERAL INFORMATION:  
APPLICANT: Pai, Lee Yuh  
APPLICANT: Feighner, Scott C.  
APPLICANT: Howard, Andrew D.  
APPLICANT: Pong, Sheng-Shung  
APPLICANT: Van Der Ploeg, Leonardus H.T.  
TITLE OF INVENTION: RECEPTOR ASSAY  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merck & Co., Inc.  
STREET: P.O. Box 2000, 126 E. Lincoln Ave.  
CITY: Rahway  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065-0900  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/077,675A  
FILING DATE: 3-JUN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Cocuzzo, Anna L.  
REGISTRATION NUMBER: 42,452  
REFERENCE/DOCKET NUMBER: 19590P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-1273  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1063 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-077-675A-1

US-09-077-675A-4

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RESULT 14  
US-08-153-848-39  
; Sequence 39, Application US/08153848  
; Patent No. 5759804

APPLICANT: Godiska, Ronald  
APPLICANT: Gray, Patrick W.  
APPLICANT: Schweikart, Vicki L.  
TITLE OF INVENTION: No. 5759804el Seven Transmembrane Receptors  
NUMBER OF SEQUENCES: 64

**CORRESPONDENCE ADDRESS:**  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &  
ADDRESSEE: Bicknell  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois

ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk

APPLICATION NUMBER: 05/08/153,848  
FILING DATE:

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/977,452  
FILING DATE: 17-NOV-1993

**ATTORNEY/AGENT INFORMATION:**

NAME: NO. 3/39804 and, Greta E.  
REGISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 31794  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 474-6300  
TELEFAX: (312) 474-0448

TELEX: 25-3856 INFORMATION FOR AND TO YOU 22

SEQUENCE CHARACTERISTICS: 39; INFORMATION FOR SEQ ID NO: 39;

LENGTH: 1872 base pairs  
TYPE: nucleic acid

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)



Wed Jan 9 08:51:38 2002

us-09-635-521a-1.rni